



NITFS

Compliance Registration



Product: Information Dissemination Services - Direct Delivery (IDS-D), Delivery 21.2
(National Technical Means (NTM))

Date: 04 June 2010

Sponsor: National Geospatial-Intelligence Agency (NGA)

Expiration: 03 June 2012

Registration #: 137

Developer: Raytheon Company

- ☐ Initial Registration
☒ Supplemental/Update #5
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

Image formats: Full, IMP, 8/8, and 11/16 bits

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

☐ V2.1

☒ V2.0

☐ V1.1

NSIF

☐ V1.0

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLY

☐ POLAR

Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☐ JPEG Downsample

☒ JPEG Lossless

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record

☒ Extensions

☒ National SDE - ALL

☒ IOMAPA

☒ ECC

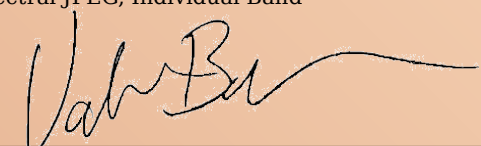
☒ NBLOCA

HISTOA

Legend

- Interpret
Gen
- ☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.


VALERIE BAKER, Lt Col, USAF, Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program